

SDG&E Artesian 230 kV Substation Expansion Project (A.16-08-010)
Energy Division Informal Data Request #3 Dated April 12, 2017 (via phone call)
SDG&E Response #1 (04/25/17)

Data Request Response for the SDG&E Artesian 230 Kilovolt Substation Expansion Project Application (A. 16-08-010)

REPORT OVERVIEW

On March 1, 2017 the CPUC deemed the application and PEA for the SDG&E Artesian 230 kV Substation Expansion Project complete. The Energy Division has required additional data to prepare a complete and adequate analysis of the potential environmental effects of the Project, in accordance with the requirements of CEQA. During a conference call between CPUC and SDG&E held on April 12, the CPUC identified additional data needs that are required for the CPUC to complete CEQA review.

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Request No.	DATA REQUEST	SDG&E RESPONSE
<i>Project Description</i>		
1	Retention Basin: SDG&E to verify the expanded Retention Basin will not be paved.	SDG&E confirms that the expanded retention basin will not be paved or otherwise created to be impervious.
2	Substation Site Plan: Create an Artesian Substation Site Plan figure that relates the site plan to the existing site and surrounding area. Preferably, the site plan should be transposed or plotted onto an aerial photograph background. This figure would utilize the same non-confidential shapes that are shown on the Site Plan provided as part of the DR1 response (Attachment ED01 – Q3).	<i>PENDING.</i>

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3	Stormwater and Permit Clarifications: Is the substation site covered by an existing MS4 or other permit? Does it have an individual permit? If there are existing permit(s), can SDG&E provide the permit number to the CPUC?	<p>The project does not have MS4 permit coverage or other storm water permits at this time.</p> <p>The project is not directly subject to the San Diego Regional Water Board MS4 permit. However, the project will be subject to storm water requirements of agencies that are permittees of the water board MS4 permit (City of San Diego).</p> <p>Additional information on the San Diego Region – Riverside County Municipal Storm Water Permit can be found at the following link: http://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater/rsd_stormwater.shtml</p> <p>The MS4 requirements are passed on to construction projects through agency permit processes; in this case through the grading permit required for the Artesian Substation site. Storm water requirements include implementing BMPs during construction and may include permanent BMPs required for the life of the project.</p> <p>Because the project is in the planning, design, and CPUC approval stage, SDG&E has not yet applied for the grading permit. SDG&E plans to secure the grading permit for the project from the City of San Diego and will comply with any required storm water components.</p>
4	Blasting: The CPUC stated that based on information provided to date, the CPUC will have to draft mitigation that would cover potential blasting at any location along the Project alignment. Therefore, the CPUC requests that SDG&E identify only those areas that could require blasting, or alternatively identify areas where SDG&E is aware that no blasting would occur.	<p>Based on preliminary engineering and geotechnical investigations completed to date, SDG&E does not anticipate blasting to be required during construction of the Artesian 230kV Substation Expansion Project. The only project component that SDG&E anticipates could possibly require blasting are the 69kV underground getaways into the Bernardo Substation. The underground getaways are defined as the underground power line alignment between the proposed new cable poles (Structures P20 and P21) and the 69kV racks located within the existing Bernardo Substation (refer to PEA Appendix 3-B, page 6 of 10). While these getaways are located within existing paved roadways, SDG&E buried infrastructure often extends deeper than existing road beds, and as such the potential for solid rock deposits cannot be determined at this time. The Bernardo power line getaways are bounded by undeveloped open space to the north and commercial/ industrial development to the south.</p>
5	Micropile Construction: SDG&E to review what is in the PEA and Response to DR1 concerning micropile construction. If information describing micropile construction is already included, SDG&E may provide the CPUC reference to that information. If such information is missing, SDG&E needs to provide a description of	<p>Please see Attachment IDR03 – Q5, Micropile Foundation Description and Equipment Requirements, which provides a description of micropile construction for use in the IS/MND.</p>

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	micropile construction to the CPUC for inclusion in the IS/MND.	
<i>Noise</i>		
5a	Micropile Construction: SDG&E to provide noise emission data for micropile construction.	Please see Attachment IDR03 – Q5, which provides typical construction sound levels for the equipment utilized during micropile construction.